



Staley No. 2 Bridge, County Bridge #9030-01.08 built in 1922.



City of Pullman Spring Street Bridge built in 1915.



Lower Seltice Bridge, County Bridge #1260-00.03 built 1921.



City of Colton Steptoe Street Bridge built in 1918.



Town of Farmington First Street Bridge built in 1918.



City of Colfax Sixth Street Bridge built in 1914. Photo taken shortly after completion. Note the left span was buried beneath fill during the 1960s channelization of Palouse River.



Ashburn Bridge North near Uniontown, WA built (probably) in 1919.



City of Colfax Sixth Street Bridge built in 1914. Photo taken in 2018.

### Why was this brochure made?

The United States Army Corps of Engineers (Corps.) received a Department of Army permit application from Whitman County Public Works associated with the Edmondson Bridge Replacement Project located near Pullman, WA on Sand Road #9060. The Corps identified one historic property within the Area of Potential Effect (APE); this being a luten arch bridge known as Edmondson Bridge #9060-4.21. The bridge is a National Register of Historic Places (NRHP) eligible historic property.

Therefore, the Corps and the Washington State Historic Preservation Officer (SHPO) agreed that two main stipulations shall govern the project

- 1.) Historic Context Development/Survey & Inventory Effort
- 2.) Public Presentation

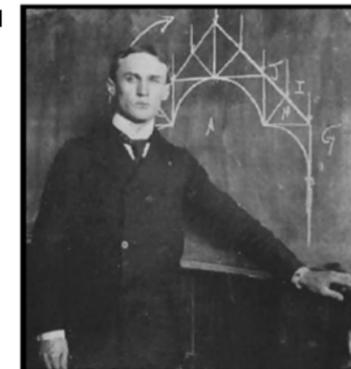
These stipulations were required to be completed in order to move forward with the bridge replacement project in 2016.

### Daniel Benjamin Luten - The Design Engineer

Daniel B. Luten was born in Michigan on December 26, 1869 and was the second oldest of five children. In 1890, he enrolled in the University of Michigan's engineering program and graduated with a Bachelor of Science degree in Civil Engineering in 1894. Upon graduating, his alma mater offered him a job as an instructor assisting Professor Charles E. Greene in the Civil Engineering and Surveying department. After one year, he resigned to take a job as Instructor of Architectural and Sanitary Engineering at Purdue University.

In 1900, Luten, again, resigned to go into private practice. Prior to private practice, he applied and received the first of many patents on reinforced concrete arch bridges. In 1901, Luten informally incorporated his National Bridge Company. His company required a license for anyone using patent designs and generally charged a royalty of 10 percent of the total bridge contract for the license.

In 1918, in the Luten v. Marsh case the judge ruled against Luten and that his patents could no longer be used to protect techniques that represented knowledge common to any professional engineer. With this decision, Luten's designs were no longer proprietary. Luten retired in 1932. Luten passed away on July 3, 1946 at the age of 76 years old.



Daniel B. Luten, Purdue University professor, 1899

# Whitman County Luten Arch Bridges



Kenova Bridge, east side, view to the northwest, Whitman County Bridge No. 3310-02.49

*Prepared by Architectural History & Archaeology! LLC (AHA!) and Whitman County Public Works*

# AHA!



# Luten Arch Bridges

No.	Name	Driving Instructions
1.)	Kenova Bridge, County Bridge #3310-02.49	Approximately 2.2 miles from Pine City, WA. Drive south on Pine City-Malden Road #3000, turn right onto Stephen Road #3170, then turn right onto Kenova Road #3310. Located 0.2 miles from intersection.
2.)	McLead Bridge, County Bridge #1000.00-68	Approximately 0.75 mile south of Tekoa, WA on Farmington Road #1000.
3.)	Lower Seltice Bridge, County Bridge #1260-00.03	Travel 5.50 miles south of Tekoa, WA on Seltice Road #1260 west of Farmington Road #1000.
4.)	Morley Bridge, County Bridge #4000-27.75	Approximately 6.5 miles from Colfax, WA. Drive north on Main Street/SR 195 from downtown Colfax, WA, turn left onto SR 26, then turn right onto Endicott Road #4000. Located 4.2 miles from intersection.
5.)	Staley No. 2 Bridge, County Bridge #9030-1.08	Approximately 6.6 miles from downtown Pullman, WA (intersection of Grand Ave and Main Street). Drive south on Grand Ave/SR 27, continue south onto SR 195, turn left onto Gimlin Road #9120, turn right onto Staley Road #9030. Located 2.3 miles from intersection.
6.)	Colton Bridge, County Bridge #9050-12.19	Located 0.9 miles north of SR 195/Broadway Street and Steptop Street on Johnson Road #9050.
7.)	Town of Colton Steptoe Street Bridge	Located 0.3 miles north of SR 195/Broadway Street and Steptop Street in the town of Colton, WA.
8.)	Town of Farmington First Street Bridge	0.1 miles south of Farmington, WA city street Washington Street located on 1st Street in the town of Farmington, WA.
9.)	City of Colfax Sixth Street Bridge	Located on Cedar Street in the City of Colfax, WA near Colfax Schools.
10.)	City of Pullman Spring Street Bridge	Approximately 0.5 miles from downtown Pullman, WA (intersection of Grand Ave and Main Street). Drive south on Grand Ave/SR 27, turn left onto WA-270/SE Paradise Street, then turn left onto E Spring St.
11.)	U.S.A Bridge	Approximately 2.2 miles from downtown Pullman, WA (intersection of Grand Ave and Main Street). Drive south on Grand Ave/SR 27, turn left onto WA-270/SE Paradise Street. Located 2.1 miles from intersection on the south end of Terre View Drive and WA-270.
12.)	Tucker Living Trust Bridge (Private)	Approximately 6.6 miles from downtown Pullman, WA (intersection of Grand Ave and Main Street). Drive south on Grand Ave/SR 27, turn left onto WA-270/SE Paradise Street, turn right onto Garrison Road #9470. Located 0.5 miles from intersection off of Garrison Road in a private farmer's field.
13.)	Ashburn Bridge North (Private)	Approximately 1.0 miles south of Uniontown, WA. Head south from Uniontown, WA on SR 195. Located in private farmer's field.
14.)	Ashburn Bridge South (Private)	Approximately 1.4 miles south of Uniontown, WA. Head south from Uniontown, WA on SR 195. Located in private farmer's field.
15.)	Logen Bridge (Private)	Drive 3.6 miles west of St. John, WA along SR 23, located north of SR 23 in a private farmer's field.
16.)	Hozim Ranch Inc. Bridge (Private)	Drive 2.1 miles east of Oakesdale, WA along SR 27, located south of SR 27 in a private farmer's field.
17.)	Foreyt Bridge (Private)	Approximately 9.1 miles from Colfax, WA. Drive north on Main Street/SR 195 from downtown Colfax, WA, turn left onto SR 26. Located 8.4 miles from SR 26/SR 195 intersection east of Sommers Road #8510 and SR 26 intersection.

